

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7673164

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOSEPH NEIL MERRETT	10/04/2022
RECEIVING PARTY DATA	
Name:	THE GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE SECRETARY OF THE AIR FORCE
Street Address:	2240 B STREET
Internal Address:	AREA B, BUILDING 11
City:	WRIGHT-PATTERSON AFB
State/Country:	OHIO
Postal Code:	45433
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17931067
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	afmclo.jaz.pat@us.af.mil
Correspondent Name:	AFMCLO/JAZ
Address Line 1:	2240 B STREET
Address Line 2:	AREA B, BUILDING 11
Address Line 4:	WRIGHT-PATTERSON AFB, OHIO 45433
ATTORNEY DOCKET NUMBER:	AFD 2196
NAME OF SUBMITTER:	CHASTITY D. S. WHITAKER, PH.D.
SIGNATURE:	/ Chastity DS Whitaker /
DATE SIGNED:	12/02/2022
Total Attachments: 1	
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**INVENTOR ASSIGNMENT AND DECLARATION
(Government Inventor)**

WHEREAS, I, **Joseph Neil Merrett**, while employed by the Government of the United States, made or contributed to an invention described in invention disclosure AFD 2196 entitled "*Optical cascode semiconductor switch*," to be filed as an application for Letters Patent of the United States (Application Serial Number 17/931,067, filed 9 Sept 2022), and I hereby authorize and request Air Force Patent Counsel to insert here in the above

parentheses (Application Serial Number, filed) the filing date and application number of said application when known;

WHEREAS, The above-identified application for Letters Patent was made or authorized to be made by me;

WHEREAS, I believe that I am an original joint inventor of a claimed invention in the application;

WHEREAS, I hereby acknowledge that any willful false statement made in this Declaration/Assignment is punishable under 18 U.S.C. § 1001 by fine, imprisonment of not more than five (5) years, or both; and

WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the United States as represented by the Secretary of the Air Force, under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest therein, including foreign rights.

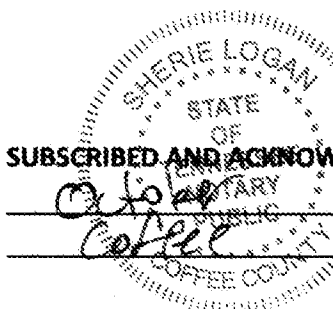
NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, **Joseph Neil Merrett**:

HEREBY HAVE SOLD, ASSIGNED, AND TRANSFERRED, and by these presents do sell, assign, and transfer unto the Government of the United States as represented by the Secretary of the Air Force, my entire right, title, and interest, in and to the aforesaid invention described in the invention disclosure, all subsequent information to support that aforesaid invention, and the resulting application for Letters Patent of the United States including all Letters Patent issuing thereon, and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States;

HEREBY AUTHORIZE AND REQUEST any official whose duty it is to issue patents, to issue any patent thereon to the Government of the United States, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title, and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions, and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by me had this Assignment not been made;

HEREBY ALSO GRANT to the Government of the United States, as represented by the Secretary of the Air Force, the option to take the entire right, title, and interest in the invention or all applications for Letters Patent thereon in all countries or jurisdictions foreign to the United States in which the Government of the United States may file, or cause to be filed, applications for Letters Patent, without payment to me of any further consideration; provided, however, that this grant of an option to take foreign rights in the invention must be exercised by written notice to me within eight months of the first filing date of any application for United States Letters Patent covering the invention or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me, subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in any patent which may issue on said invention in any country or jurisdiction foreign to the United States, including the power to issue sublicenses for use on behalf of the Government of the United States and/or in furtherance of the foreign policies of the United States of America; and

HEREBY AGREE to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.



Joseph Neil Merrett
Joseph Neil Merrett

SUBSCRIBED AND ACKNOWLEDGED before me by Joseph Neil Merrett this 4th day of October 2022, at the city of Arnold Air Force Base in the County of Coffee and State of Tennessee.

Sherie Logan
Notary Public

my commission expires 11/15/2023